I had a request that holidays booked in the system where been deleted. Many Users are using the interactive GUI and had no idea who was deleting them as a delete command had removed the holiday completely. There is an Audit table which can be read but it has an audit for everything and only shows the Empref (UniqueID) which then has to be match to the first and last name to be useful.

Table to search in

A screenshot of a computer

AI-generated content may be incorrect.

I wrote this script to return the section of string with the empref in and then match it so I could see who the person was. I also allowed the search variable to be the surname or if ALL was inputted it returned everyone. The match had to be on the Empref and data that returned the name in the string and no Empref.

To find the deleted then I had to look for the person’s name been selected and then on the next row if delete was pressed.

A screenshot of a computer

AI-generated content may be incorrect.

I used charindex to populate the string and union all to gather various searches into 1 format. I wanted to match on name and then lag 9 rows looking for ‘Delete’ in the string as User might of paused before deleting the person and the audit filled up with other data. I can then easily read the Audit table and check the ChangedBy column to who had added or removed any Holidays